

# Wound Debridement Devices Market Insights, Competitive Landscape and Market Forecast–2026

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# **Abstracts**

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Wound Debridement Devices Market By Product Type (Gels, Ointments, Surgical Devices, Medical Gauzes, Ultrasonic Devices, Debridement Pads, Others), By Method (Autolytic, Enzymatic, Surgical, Mechanical, Ultrasonic, Others), By Wound Type (Pressure Ulcers, Diabetic Foot Ulcers, Venous Leg Ulcers, Burn Wound, Others), By End-User (Hospitals, Clinics, And Others), by geography, is anticipated to grow at a significant CAGR forecast till 2026 due to the growing incidence of chronic wounds such as diabetic foot ulcer, pressure ulcers, and others and increasing incidence of burns, and other traumatic injuries.

The global wound debridement devices market was valued at USD 1.10 billion in 2020, growing at a CAGR of 8.39% during the forecast period from 2021 to 2026, to reach USD 1.78 billion by 2026. The increase in demand for Wound Debridement Devices is primarily attributed to the growing cases of chronic wounds such as pressure ulcers, diabetic foot ulcers, and others, Moreover, the increase in trauma injuries is also a potential factor contributing to the wound debridement devices market. Also, the rising burden of uncontrollable diabetes leading to diabetic ulcers, an increasing geriatric population, technological advancement in the product portfolio, among others is some of the factors that will lead to the market growth for wound debridement devices.

Wound Debridement Devices Market Dynamics:

The rise in demand for wound debridement devices is due to the growing incidence of chronic wounds such as venous leg ulcers, pressure ulcers, and diabetic foot ulcers, among others. For instance, as per the 2020 data of the NHS inform (Scotland's



national health information service), approximately 1 in 500 people in the UK are affected with a venous leg ulcer. The data also states that the chances of being affected by venous leg ulcers increase with aging and around 1 in 50 people in the UK over the age of 80 are affected with a venous leg ulcer.

Also, the rising burden of diabetes among the population across the globe increases the chances of developing diabetic wounds which will also contribute to the wound debridement devices market. According to the International Diabetes Federation (IDF) 2019 report, approximately 463 million adults were suffering from diabetes in the year 2019 and it was estimated to rise to 700 million by the year 2045. Thus, rising diabetes cases could be a potential risk for developing diabetic wounds thereby increasing the need for treatment devices.

Furthermore, as per the 2020 statistics of IDF, diabetic foot complications are chronic and severe and affect 40 to 60 million people with diabetes globally.

In addition, rise in disorders such as spinal cord injuries, neurological disorders that causes lack of sensation and immobility accelerates the development of bedsores (pressure ulcers) are thus raising the demand for wound debridement devices.

Therefore, the rising cases of chronic wounds worldwide are likely to spur the demand for debridement devices as these devices to enhance the treatment rate of a wound.

Henceforth, the above-mentioned factors will contribute to the global wound debridement devices market growth during the forecasted period.

However, certain factors such as the high cost associated with enzymatic debridement and surgical devices and lack of awareness in the low- and middle-income areas are likely to impede the growth of wound debridement devices.

Also, the COVID-19 outbreak has impacted the global wound debridement devices during the initial phases. This is owing to the nationwide lockdown, canceled or postponed elective surgeries, denied wound care services, and impaired access to clinical management for chronic wounds. However, it has also created opportunities for local manufacturers as the supply chain of major players was hampered during the pandemic because of restrictions on the movement at international borders. The market situation is expected to normalize post-pandemic due to the vaccine launch and adoption of telemedicine to provide relevant care to chronic wound patients.



Wound Debridement Devices Market Segment Analysis:

Wound Debridement Devices Market By Product Type (Gels, Ointments, Surgical Devices, Medical Gauzes, Ultrasonic Devices, Debridement Pads, Others), By Method (Autolytic, Enzymatic, Surgical, Mechanical, Ultrasonic, Others), By Wound Type (Pressure Ulcers, Diabetic Foot Ulcers, Venous Leg Ulcers, Burn Wound, Others), By End-User (Hospitals, Clinics, And Others), and By Geography (North America, Europe, Asia-Pacific, and Rest of the World).

In the Wound Debridement Devices product segment, the medical gauzes which are a mechanical debridement product are expected to hold the largest market share during the forthcoming years. This is because medical gauzes enable faster healing as they maintain moisture around the wound. In addition, wound dressings are highly recommended for a variety of chronic wounds which further increase the market share for medical gauzes.

Furthermore, ultrasound debridement devices are also anticipated to exhibit lucrative growth during the forecasted period due to their high efficacy and the additional advantage such as the reduced threat of thermal necrosis to nearby healthy cells and allow better healing of chronic and acute wounds.

Hence, all the aforementioned factors will lead to the segmental growth of the wound debridement devices market in the coming years.

North America is expected to dominate the Overall Wound Debridement Devices Market:

Among all the regions, North America is expected to occupy a major share in the overall wound debridement devices market during the forthcoming years. This domination is owing to the increasing number of trauma injuries, escalating burden of the diabetic population which are at risk of developing diabetic wounds. Moreover, the presence of a well-established reimbursement policy for surgical debridement, and advanced healthcare system in the region is also projected to augment the market for wound debridement devices.

For instance, as per the National Safety Council 2021 report, an overall 48.3 million people suffered from traumatic injuries out of which motor-vehicle incidents totaled 4.5 million. Thus, rising injuries in the nation could be a potential factor driving the market for wound debridement devices.



In addition, according to the American Burn Association (ABA) National Burn Repository 2019 flame burns are still the majority of injuries in the US (43%), with scalds second at 34% followed by contact at 9%, electrical burn injuries (4%), chemical (3%) and other (7%). Thus, rising burn injuries in the region are also projected to spike the demand for debridement devices thereby propelling the market.

Moreover, the presence of key market players active in wound debridement devices manufacturing such as Zimmer Biomet, Medline Industries, LP, and DeRoyal Industries, Inc., among others is also expected to augment the Wound Debridement Devices market in the region.

Additionally, the Asia-pacific region has future potential for the wound debridement devices market. The increasing old-age population, rising burden of chronic wounds, rising prevalence of diabetes and associated wound, traumatic injuries are the factors expected to contribute to the wound debridement devices market. Additionally, rapid urbanization, increase in disposable income, penetration by emerging local players in the market, rising awareness related to advanced healthcare technologies is likely to surge the wound debridement devices market during the forecasted period.

Wound Debridement Devices Market Key Players:

Some of the key market players operating in the Wound Debridement Devices market include Zimmer Biomet, Medline Industries, LP, DeRoyal Industries, Inc., GUNZE LIMITED, Smith & Nephew, Lohmann & Rauscher, Medaxis, EZ Debride, Monarch Labs., Misonix, Arobella Medical, Brightwake Ltd, RLS Global, BioMonde, S?ring GmbH, Welcare Industries S.p.A, B. Braun Melsungen AG, STIEHL TECH LLC, Sanara MedTech Inc., and Advin Health Care, among others.

Recent Developmental Activities in the Wound Debridement Devices Market:

In November 2020, GUNZE LIMITED launched ultrasonic debridement device "Ultra Curette®" to remove and clean dead or contaminated tissues, foreign substances, and infected sites in patients who require debridements such as acute wounds, chronic wounds, and burns.

Key Takeaways from the Wound Debridement Devices Market Report Study

Market size analysis for current market size (2020), and market forecast for 5 years



(2021-2026)

The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the Wound Debridement Devices market.

Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years

Key companies dominating the Global Wound Debridement Devices Market.

Various opportunities available for the other competitor in the Wound Debridement Devices Market space.

What are the top-performing segments in 2020? How these segments will perform in 2026.

Which are the top-performing regions and countries in the current market scenario?

Which are the regions and countries where companies should have concentrated on opportunities for Wound Debridement Devices market growth in the coming future?

Target Audience who can be benefited from the Wound Debridement Devices Market Report Study

Wound Debridement Devices providers

Research organizations and consulting companies

Wound Debridement Devices-related organization, association, forum, and other alliances

Government and corporate offices

Start-up companies, venture capitalists, and private equity firms

Distributors and Traders in Wound Debridement Devices

Various End-users who want to know more about the Wound Debridement Devices



Market and latest technological developments in the Wound Debridement Devices market.

Frequently Asked Questions for the Wound Debridement Devices Market:

1. What are Wound Debridement Devices?

Wound Debridement Devices are used to remove non-viable necrotic tissues from the wound for rapid healing. There are several devices available in the market for wound debridement. For instance, devices such as mechanical pads, hydrosurgical debridement devices, ultrasound devices, and others.

2. What is the market for Global Wound Debridement Devices?

The global Wound Debridement Devices Market was valued at USD 1.10 billion in 2020, growing at a CAGR of 8.39% during the forecast period from 2021 to 2026 to reach USD 1.78 billion by 2026.

3. What are the drivers for the Global Wound Debridement Devices?

The major factors driving the demand for wound debridement devices are the rising cases of chronic wounds, increase in the number of traumatic injuries, growing geriatric population, and others. Moreover, technological advancements and strategic business activities by the key players are also the factors driving the global wound debridement devices market.

4. What are the key players operating in Global Wound Debridement Devices?

Some of the key market players operating in the Wound Debridement Devices market include Zimmer Biomet, Medline Industries, LP, DeRoyal Industries, Inc., GUNZE LIMITED, Smith & Nephew, Lohmann & Rauscher, Medaxis, EZ Debride, Monarch Labs., Misonix, Arobella Medical, Brightwake Ltd, RLS Global, BioMonde, S?ring GmbH, Welcare Industries S.p.A, B. Braun Melsungen AG, STIEHL TECH LLC, Sanara MedTech Inc., and Advin Health Care, among others.

5. Which region has the highest share in the Wound Debridement Devices market?

Among all the regions, North America is expected to occupy a major share in the overall wound debridement devices market during the forecasted years 2021-2026. This



domination is owing to the increasing number of trauma injuries, escalating burden of the diabetic population which are at risk of developing diabetic wounds. Moreover, the presence of a well-established reimbursement policy for surgical debridement, and advanced healthcare system in the region is also projected to augment the market for wound debridement devices.



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